1	2	3	4	5	6
3.	Prototype Fast Breeder Reactor (PFBR)/ NPCL	Central	1x500 = 500 MW	500	2011
	Karnataka				
4.	Kaiga Atomic Power Project/ NPCL	Central	2x220 = 440 MW	220	U#4-2008

* for both units

Shortfall in electricity generation

853. SHRI SANJAY RAUT: Will the Minister of POWER be pleased to state:

(a) the total deficit of electricity generation compared to national requirement and the number of States facing a shortfall of electricity by more than 25 per cent;

(b) the estimates of generation of electricity for the Tenth Five Year Plan and the actual generation at the end thereof;

(c) whether it is a fact that even 50 per cent target of generation of electricity was not achieved during that plan;

(d) if so, the reasons therefor; and

(e) the details of steps taken or proposed to be taken for lessening the gap of electricity demand and supply upto 2012?

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE): (a) The energy requirement and energy availability in the country during the year 2007-08 (April - July, 2007) was 240,834 Million Units (MU) and 221,865 MU respectively, resulting in energy deficit of 18,969 MU (7.9%). The gross energy generated in the country during the said period was 234,208 MU (including import from Bhutan).

Among the States, Maharashtra, Arunachal Pradesh and Mizoram faced peak shortage of more than 25% and Meghalaya faced peak as well as energy shortage of more than 25% during the period April- July, 2007.

(b) The target for generation of electricity is decided on an annual basis. The year-wise actual electricity generation *vis-a.-vis* the target for the Tenth Plan was as under:

Year	Generation		
	Targets (MU)	Actual (MU)	Actual generation as % of target
2002-03	545,552	531,607	97.4
2003-04	572,900	558,336	97.4
2004-05	586,412	587,416	100.1
2005-06	621,500	617,510	99.3
2006-07	663,000	662,523	99.9
TOTAL:	2,989,364	2,957,392	98.9

Thus, the actual energy generation in the country during the Tenth Plan Period has been 98.9% of the target.

(c) No, Sir.

(d) Does not arise in view of answer to part(c) of the reply.

(e) The National Electricity Policy envisages "Power for all by 2012" and per capita availability of power to be increased to over 1,000 units by 2011-12. The steps taken/proposed to be taken to achieve this include:

- Augmentation of generation capacity. Capacity addition to the tune of 78,500 MW is proposed for the Eleventh Plan.
- Development of Ultra Mega Power Projects of 4000 MW capacity each under tariff based competitive bidding route.
- Strengthening of inter-State and inter-regional transmission capacity for optimum utilization of available power.
- Accelerated Power Development and Reforms Programme (APDRP) for reduction of AT &C losses, etc.
- Harnessing surplus captive power into the grid.
- Promoting demand side management, energy efficiency and energy conservation measures.

Supply of coal to power plants in Rajasthan

• †854. SHRI LALIT KISHORE CHATURVEDI: Will the Minister of POWER be pleased to state:

(a) the estimated demand of coal in thermal power projects set up in Surajgarh and Kota in Rajasthan; and

(b) the quantity of coal to be arranged for these projects and from which sources to meet that demand?

†Original notice of the question was received in Hindi.